



CH2MHILL

Plateau Remediation Company

(PBS RL-XX.99)



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PROGRAM SUMMARY

Project Services and Support functional activities continues to provide support and technical services to all CHPRC projects as well as central management of cross-cutting services.

TARGET ZERO PERFORMANCE

	CM Quantity	FYTD Quantity	Comment
Days Away, Restricted or Transferred	0	0	N/A
Recordable Injuries	0	0	N/A
First Aid Cases	0	1	N/A
Near-Misses	0	0	N/A

KEY ACCOMPLISHMENTS

Safety, Health, Security, and Quality

- No occupational injuries or illnesses, beyond first aid, were reported in April. The last such injury reported occurred on March 3, 2009.
- Formal safety communications continued throughout the month. In addition to the development and publication of five Thinking Target Zero messages (High Wind Hazards, Electrical Safety, Sprain/Strain Prevention, Personal Protective Equipment, and Safe Water Storage), two distinct special bulletins were prepared on powered air purifying respirator (PAPR) hoods.
- Work continued toward completing ISMS/EMS Phase I Verification and on meeting the commitments identified in the ISMS/EMS Implementation Plan.
 - Submitted a draft of the Integrated Safety Management System/Environmental Management System Description to DOE-RL for informal review and comment on April 30, 2009.
 - Issued the Environmental Management System (EMS) Manual.
 - Received DOE-RL approval of Radiation Protection Program (RPP) and Contractor Assurance System (CAS).
- Prepared for the corporate self-assessment of readiness for ISMS/EMS Phase I Verification, including selection of a team and its leader, establishing a location for the team, and preparing materials and logistics for the team. Developed a summary-level briefing for presentation to management personnel throughout the company that was designed to provide awareness of the ISMS/EMS Description and

the associated program-level implementing mechanisms.

- Program level ISMS/EMS documents are the largest fraction of the more than 600 CHPRC procedures reviewed. Program level document preparation status through April is as follows:

ISMS/EMS Program Level Document Preparation Status

<u>TOTAL</u> <u>ISMS/EMS</u>	<u>REVIEW/EVAL</u> <u>COMPLETE</u>	<u>ENDORSED/</u> <u>NO ACTION</u>	<u>CHANGE/FACELIFT</u>		<u>REVISION</u>		<u>NEW</u> <u>COMPLETE</u>	<u>CANCEL</u>	
			To Do	COMPLETE	To Do	COMPLETE		To Do	COMPLETE
417	417	35	137	99	107	72	12	107	29

- Developed draft instructional material for operators of personnel and material carriers (a.k.a. *utility carts*) to maximize knowledge and proficiency in operations and use. This action was in the planning stages coincidental to a February 25, 2009, utility vehicle accident occurring at the DOE's Waste Isolation Pilot Plant (WIPP).
- In support of American Recovery and Reinvestment Act (ARRA) implementation, CHPRC interviewed several candidates with industrial safety and industrial hygiene experience at the Tri-Cities Job Fair. Participated in weekly safety and health orientation of new hire CHPRC employees as a part of the influx of Hanford workers for ARRA.
- Prepared educational materials supporting our CHPRC *Big 6* hazard wheel safety theme for the May 2009 Health and Safety Expo.
- Issued a newly developed document entitled Safety Program Specifications for Contractors. This document provides one-stop shopping specifications/requirements for contracted work, in alignment with the safety/health attributes of ISMS, and the elements of 10 CFR851.
- Continued work on the development of the multi-contractor Chronic Beryllium Disease Prevention Program (CBDPP); completed a gap analysis between the new multi-contractor CBDPP and the existing CHPRC CBDPP, in an effort to plan for future revisions.
- Completed a factual accuracy review of the DOE/HQ EM-61 Assessment Report of Occupational Injury and Illness Recordkeeping and Reporting. Though the review focused on work scope outside of the CHPRC, OS&IH participated, and gained useful insight for future use relating to DOE compliance expectations.
- Worked with electrical safety points-of-contact to develop a new Energized Electrical Work Permit, for CHPRC and subcontractor use.
- Assisted managers/supervisors, throughout the month, in development / revision of Employee Job Task Analysis to identify necessary employee medical qualifications and monitoring based on the job requirements, hazards, exposures, and overall risk associated with assigned work scope.
- Received DOE-RL approval of the CHPRC Radiation Protection Program (RPP), contract deliverable C.3.2.3-4.
- Initiated RPP and RadCon Manual (RCM) implementation plan to enable transition to CHPRC RPP & RCM on 06/25/09. Actions are on schedule.
- Completed ISMS Phase I procedure revisions; radiation protection program defining procedures are ready for issue upon RPP & RCM implementation

- Completed preparations and transition activities to self-perform dosimetry operations.
- Developed ISMS Phase I briefing presentation summarizing radiation protection program changes associated with RPP and RCM revisions.
- Work Control developed changes to PRC-PRO-WKM-40004, Hazard Review Board, and PRC-PRO-WKM-12115, PRC Work Management, in response to project management request. Developed drafts for PRC-PRO-WKM-14047, Pre-Job Briefings and Post-Job Reviews, PRC-RD-WKM-8524, Supervision of Fieldwork, and PRC-GD-WKM-12116, Work Planning Guide. Conducted tabletop review, updated site forms and obtained approval for all five documents.
- Work Control conducted four briefing sessions as requested by the projects on PRC work management initiatives and provided input to the ISMS/EMS description for the topic of work management. Conducted the bi-monthly meeting of project work control managers and interested technical authorities. Scheduled training sessions of required classes for Fieldwork Supervisors and Work Planners to accommodate the influx of personnel related to ARRA.
- Continued review of the AJHA content. Coordinated proposed changes with both the PRC and FH electrical interpretive authorities to update the AJHA application based on changes in the new electrical code. Expanded the AJHA basic training course schedule to accommodate new hires and others who may require AJHA training.
- Submitted Maintenance Implementation Plan update to DOE for approval. Work Management personnel also provided extensive support to develop and issue procedures for ISMS/EMS Phase I efforts including a full set of program level procedures for the Conduct of Operations program.

Environmental Programs and Regulatory Management (EP&RM)

- A significant milestone was met on April 27th with the publishing of the CHPRC Environmental Management System (EMS) Manual (CHPRC-00177). The manual documents the system and aligns it more closely with the principles and framework of the International Standard for EMS as found in ISO 14001. The EMS Manual supported issuance of the draft CHPRC ISMS/EMS System Description which was scheduled for issuance by April 30.
- Completed revision of 10 procedures or management plans related to environmental requirements in support of ISMS Phase 1.
- Supported two external inspections:
- Site-wide efforts to respond to EPA's Notice of Violation (NOV) letter that the Office of River Protection received in March, regarding the management of recyclable Universal Waste.
- The Washington Department of Ecology with oversight from the EPA performed a dangerous waste compliance inspection of LLBG and WRAP.
- Environmental Quality Assurance (EQA) completed one environmental-related surveillance in April. QA-EQA-SURV-09-07 was an unscheduled activity (IEP # 7401) entitled "Review the EP&RM Process for Managing Corrective Actions to Closure". The surveillance results were satisfactory. One opportunity for improvement (OFI) was identified to perform training of EP & RM managers in the Condition Report and Resolution system (CRRS).
- CHPRC conducted a series of meetings with Regulator and Customer representatives to discuss details of the proposed "Inner Area Decision Strategy".
- The second Senior Executive Committee (SEC) meeting was held on April 23, 2009.

- Briefings were provided by the Regulators on the Outer Area ROD and the Groundwater strategy agreement/progress.
- DOE presented a review on the Inner Area decision strategy (higher level of detail than previously presented).
- The primary action out of the meeting was for work groups to convene for further discussions on the strategic approach to cleanup of the Inner Area and to have focused discussions on a set of Inner Area clean-up principles (e.g. exposure scenarios, ecological protection parameters, elements of institutional control, etc.).
- The SEC plans to reconvene in early June, to discuss the outcome of the Inner Area clean-up principles discussions, focused on areas of agreement and areas requiring further work to reach consensus.
- CHPRC conducted the first “Quarterly Central Plateau Strategy Update” meeting to keep senior staff updated on the evolving strategy and to make sure that Project activities are coordinated with that strategy.
- Continued developing and refining project specific and cross cutting opportunities and risks for the 10-year PMB which contains both Base and ARRA work scope. This included a review of the draft PRC contract project schedules to ensure that risks and their handling actions are tied to the proper activities. Unmitigated and mitigated probabilities and consequences for the risks were also reviewed and updated, and draft cost and schedule estimating uncertainties were developed for each Base and ARRA activity on the schedule. Staff also initiated development of metrics to be utilized for gauging progress of the ARRA work scope performed by CHPRC.

Engineering Procurement and Construction (EPC)

- Completed an assessment of the welding program at the Parsons Technology & Development Fabrication Complex, Pasco, WA.
- Led the semi-annual meeting of the Energy Facilities Contractors Group (EFCOG) Engineering Practices Working Group (EPWOG). Actions completed by the group include issuance of a Calculations Best Practice, contribution to the HEPA filter soot loading workshop April 7/8 in Knoxville, establishment of a Cognizant System Engineer SubGroup, and initiation of activities associated with the revision of DOE-STD-3024, *System Design Descriptions*.
- Planned an independent assessment of the PFP HVAC (System 25) and MICON ® (System 93) systems. The field portion of the assessment will be conducted in May.
- Hosted a meeting between Hanford Site System Engineer/DOE Safety System Oversight (SSO) representatives in April. Purposes for the meeting were to share lessons learned, evaluate best practices, and to identify common topics of interest for the May 12-14 DOE complex-wide SE/SSO meeting.

Business Services and Project Controls

- Continued development of the Initial Performance Measurement Baseline (PMB). DOE-RL changed the title of the contract deliverable from PMB to PRC Baseline. Contract Modification A037 also changed the due date for the PRC Baseline to June 1, 2009.
- Approved and implemented six baseline change requests (BCRs). Four were administrative in nature. The fifth BCR removed three wells from being drilled and added expanded well development of the ZP-1 well resulting in no change to the FY 2009 BCWS and no use of management reserve. The

sixth BCR implemented the American Recovery & Reinvestment Act of 2009 (ARRA) consistent with Contract Modification A037 requirements. The Advanced Work Authorization, #AWA-PRC0-0-002, significantly increased both the funds and the BCWS for FY 2009 and extended the performance measurement baseline into fiscal years 2010 and 2011.

- Continued preparations for Earned Value Management System (EVMS) certification activity in June.
- Completed all 14 ISMS Phase I procedures for Contracts and Facilities. As part of this completion objective, Procurement conducted a cross table review of PRC-PRO-AC-16405, Submittal Management System, PRC-PRO-AC-123 Requesting Materials and Services and PRC-PRO-AC-186 Statements of Work.
- Continued to perform the 100% physical inventory property audit. At April month-end, 67% of the 11,200 baseline items had been physically verified encompassing 74% of the total value.
- In support of ARRA implementation, completed requirements planning for the addition of temporary facilities to support the acceleration of Project activities. Prepared two Statements of Work for the lease and/or purchase of 137 mobile office, self contained restroom and shower facilities. The Phase I procurement will be issued as an 8a Set Aside and will encompass the requirements for the PFP Project. The Phase II procurement will be issued as a small Business set aside and will encompass the remainder of the requirement. Awards will take place by mid-May.
- Received lease approval to secure the second floor of 2425 Stevens Center Place. CHPRC will continue to rent 3190 GWW as a temporary location to house new ARRA personnel pending completion of the new facilities on the Hanford Site.
- Received notification of the availability of excess office furniture at the Yucca Mountain Project Offices in Las Vegas. An SF-122 (Property Transfer) was prepared and CHPRC in conjunction with WRPS is executing a project to dismantle and ship the excess furniture to Hanford. CHPRC has an opportunity to secure 900 sets of excess furniture and equipment from Yucca Mountain at an estimated cost of \$325K versus a planned \$2.6M. The furnishings and equipment, including plotters/printers/blood pressure machines etc., have an estimated total value of \$5.1M for the \$325K investment. Furniture CHPRC does not ultimately deploy may be used by other Hanford contractors at no additional cost.
- Procurement had 360 ARRA staff augmentation requisitions for processing through April with 136 Notices to Proceed. Additionally, offers for 30 temporary RCTs were issued to a subcontract supplier. Procurement was authorized to add ten additional contracting officers to the staff and eight of the ten offers have been processed. Hired two full-time and one temporary Material Coordinator to help with increased buying for ARRA projects. A third full-time Material Coordinator is expected to begin May 18.
- Reviewed/processed nine contract modifications from DOE-RL including Contract Modification A037 for ARRA valued at \$1,063,500,000.

PROJECT BASELINE PERFORMANCE (\$M)

Current Month

WBS 000 Project Services and Support	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (FY 2009)
Total	5.2	5.2	7.8	0	0	(2.5)	-48.4%	94.3
Environmental Programs and Regulatory Management	.5	.5	.5					5.0
Safety, Health, Security and Quality	1.9	1.9	1.3					17.0
Engineering, Procurement and Construction Projects	.6	.6	.4					5.9
Communications and Outreach	-1.2	-1.2	1.0					1.7
Business Services and Project Controls	3.3	3.3	4.6					64.6
<u>PBS Allocations</u>								
Base								
RL-11	2.9	2.9	2.9					11.4
RL-12	2.0	2.0	2.0					10.7
RL-13	3.9	3.9	3.9					21.5
RL-30	2.8	2.8	2.8					17.6
RL-40	1.3	1.3	1.3					4.7
RL-41	.2	.2	.2					1.1
RL-42	.2	.2	.2					1.3
ARRA								
RL-11			.1					7.2
RL-13								3.6
RL-30								2.8
RL-40			.1					7.8
RL-41								4.5

Numbers are rounded to the nearest \$0.1M.

CM Schedule Performance: (+\$0M/+0%)

Level of Effort

CM Cost Performance: (-\$2.5M/-48.4%)

The distribution of April cost from the WBS 000 accounts to the PBS accounts was overstated by \$5.7M

due to a system error which failed to allocate G&A and DD accrual reversals to the PBS accounts. The overstatement occurred as a result of the conversion of PeopleSoft to the new 9.0 version. The PBS accounts cost will be corrected in May. Adjusted cost variance would be +\$3.2M/+61.5%. This variance is primarily a result in slower ramp-up of ARRA support staff and the continued positive variance for Facility Services, the President's Office for Labor Relations contract not yet needed, and Retiree Insurance Premiums reimbursables being higher than planned.

WBS 000 Project Services and Support	Over Accrual
Total	5.7
RL-11	1.2
RL-12	.8
RL-13	1.7
RL-30	1.2
RL-40	.6
RL-41	.1
RL-42	.1

Fiscal Year-To-Date

WBS 000 Project Services and Support	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (FY 2009)
Total	49.6	49.6	48.7	0	0	0.9	1.8%	94.3
Environmental Program and Regulatory Management	2.6	2.6	2.5					5.0
Safety, Health, Security and Quality	6.7	6.7	6.2					17.0
Engineering, Procurement and Construction Projects	1.3	1.3	1.1					5.9
Communications and Outreach	.9	.9	3.3					1.7
Business Services and Project Controls	41.3	41.3	43.0					64.6
<u>PBS Allocations</u>								
Base								
RL-11	10.6	10.6	10.4					11.4
RL-12	7.3	7.3	7.2					10.7
RL-13	14.6	14.6	14.3					21.5

RL-30	10.5	10.5	10.3					17.6
RL-40	4.8	4.8	4.7					4.7
RL-41	.8	.8	.8					1.1
RL-42	.9	.9	.9					1.3
ARRA								
RL-11			.1					7.2
RL-13								3.6
RL-30								2.8
RL-40			.1					7.8
RL-41								4.5

Numbers are rounded to the nearest \$0.1M.

FYTD Schedule Performance: (+\$0M/+0%)

Level of Effort

FYTD Cost Performance: (+\$0.9M/+1.8%)

See Current Month Cost Performance detail

Critical Path Schedule

N/A - Level of Effort

Estimate at Completion

For purposes of reporting on the FY 2009 Advance Work Authorization Performance Measurement Baseline, the Estimate at Completion and Fiscal Year Budget at Completion (BAC) are considered equal.

Baseline Change Requests

See Overview.

FY 2009 FUNDS vs. SPEND FORECAST

(\$M)

FY 2009			
WBS 000 Project Services and Support	Projected Funding	Spending Forecast	Variance
ARRA	26.0	26.0	0
Base	<u>68.3</u>	<u>68.3</u>	<u>0</u>
Total	94.3	94.3	0
Environmental Program and Regulatory Management	5.0	5.0	
Safety, Health, Security and Quality	17.0	17.0	
Engineering, Procurement and Construction Projects	5.9	5.9	
Communications and Outreach	1.7	1.7	
Business Services and Project Controls	64.7	64.7	
<u>PBS Allocations</u>			
Base			
RL-11	11.4	11.4	
RL-12	10.7	10.7	
RL-13	21.5	21.5	
RL-30	17.6	17.6	
RL-40	4.7	4.7	
RL-41	1.1	1.1	
RL-42	1.3	1.3	
ARRA			
RL-11	7.2	7.2	
RL-13	3.6	3.6	
RL-30	2.8	2.8	
RL-40	7.9	7.9	
RL-41	4.5	4.5	

Funds Analysis

Funding allocations have been changed in April to reflect the impact of RL's expected funding letter dated April 2, 2009, as adjusted by RL Management agreements; the impact of the American Recovery and Reinvestment Act (ARRA) as directed by Contract Modification M037; and CHPRC organizational changes consolidating Engineering into Engineering, Procurement and Construction Projects and realigning activities under Strategic Planning and Outreach to include only Communications and Outreach thereby moving Information Technology to Business Services and Project Controls and moving Strategic Planning and Risk Management to Environmental Programs and Regulatory Management. Since these changes have had a significant impact of planning, the fiscal year spend forecast has been deferred to the May reporting period. Until then, funds and forecast are being reflected as equal.

MAJOR ISSUES

None identified.

MILESTONE STATUS

None identified.

SELF-PERFORMED WORK

The Section H.20 clause entitled, "Self-Performed Work," is addressed in the Monthly Report Overview.

GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

None identified.